

# CONTENTS OF VOLUME XXV

## JANUARY-FEBRUARY, No. 1

The Elephants and Mastodonts Arrive in America.....	H. F. OSBORN	3
Whaling of the Olympic Peninsula Indians of Washington.....	A. B. REAGAN	24
The Kitikshan and Their Totem Poles.....	GEORGE T. EMMONS	33
The Night Chant.....	P. E. GODDARD	49
A Bird Trickster Outwitted.....	CHARLES MACNAMARA	54
Dogs of the Labrador Indians.....	FRANK G. SPECK	58
The Snowy Owl in Its Northern Home.....	ALFRED M. BAILEY	65
The Coastal Prairies of Southern Texas.....	LUDLOW GRISCOM	70
The Hoop Snake Story.....	KARL PATTERSON SCHMIDT	76
The Social Wasps— <i>Polistes</i> and <i>Vespa</i> .....	WILLIAM M. SAVIN	81
Humpty Dumpty Outdone.....	ETHEL G. NELSON	87
Cook Forest.....	THOMAS LIGGETT	90
"The Sprite".....	G. CLYDE FISHER	94
Notes.....		96

## MARCH-APRIL, No. 2

Glimpses of India.....	BARNUM BROWN	108
New Insect Groups in the American Museum.....	F. E. LUTZ	126
Old-time Range of Virginia Deer, Moose, and Elk.....	GEORGE BIRD GRINNELL	136
Cats as Fishermen.....	E. W. GUDGER	143
The Mimicry of Minerals.....	HERBERT P. WHITLOCK	156
Eclipses as Interpreted by the American Aborigines.....	H. F. SCHWARZ	162
The Value of Palaeontology.....	W. D. MATTHEW	166
The Marmots of Hannegan Pass.....	WILLIAM T. SHAW	169
A Women's Ceremony among the Hopi.....	ROBERT H. LOWIE	178
Two-headed Snakes.....	B. T. B. HYDE	184
The Training of a Hawk.....	FRANK B. LEVY	188
With Murphy to Peru.....	R. E. COKER	199
Ernest Harold Baynes.....	FREDERIC A. LUCAS	202
Notes.....		203

## MAY-JUNE, No. 3

Frontispiece, A Study in Locomotion Among Marine Animals.....	..... facing	211
What is a Rotifer?.....	FRANK J. MYERS	211
The Rotifer Group.....	HERMAN O. MUELLER	224
The Sense of Hearing in Invertebrate Animals.....	ULRIC DAHLGREN	233
Animals of the Seashore.....	ROY WALDO MINER	241
An Instance Where Evolution Has Turned Backward.....	WILLARD G. VAN NAME	241
Reef Builders of the Tropic Seas.....	ROY WALDO MINER	250
Spiders as Fishermen and Hunters.....	E. W. GUDGER	261
A Remarkable Partnership.....	WILLIAM M. SAVIN	276
A Suijaro Desert in Arizona.....	DE LANCEY VERPLANCK	282
Byways and Highways in Burma.....	BARNUM BROWN	294
The Born Naturalist.....	HENRY FAIRFIELD OSBORN	309
"Impressions of Great Naturalists".....	WILLIAM K. GREGORY	311
Notes.....		313

## JULY-AUGUST, No. 4

In Darien Jungles.....	C. M. BREDER, JR.	324
The Giant Game Fishes of Santa Catalina.....	DAVID STARR JORDAN	338
Chinese Fresh-Water Fishes.....	JOHN TREADWELL NICHOLS	346
Luminous Fishes of the Banda Sea.....	E. NEWTON HARVEY	353
Experiences of a Fish Collector in Brazil.....	EDWIN C. STARKS	357
The Crucifix in the Catfish Skull.....	E. W. GUDGER	371
The Department of Reptiles and Amphibians in the American Museum.....	G. KINGSLEY NOBLE	381
Glimpses of the New Hall of Reptile and Amphibian Life.....	G. KINGSLEY NOBLE	385
The Life of the Red Salamander.....	SHERMAN C. BISHOP	385
The Iguanas of Bitter Guana Cay.....	A. M. BAILEY	390
Big Snakes in Captivity.....	W. HENRY SHEAK	394
The Tale of "Old Fire Eyes".....	PERCY VIOSCA, JR.	400
The Ancestry of the Alligator.....	C. C. MOOK	407
On the Newly Discovered South African Man-Ape.....	ROBERT BROOM	409
Louis Robert Sullivan, 1892-1925.....	CLARK WISSLER	419
Notes.....		421

## SEPTEMBER-OCTOBER, No. 5

Cover Design.....	F. L. JAUQUES	431
Frontispiece, The Pink-headed Duck of India.....	..... facing	431
Equatorial Vignettes.....	ROBERT CUSHMAN MURPHY	431
The Summer Birds of Northern New Jersey.....	WALDRON DE W. MILLER	450
The Crowned Eagle, Ogre of Africa's Monkeys.....	JAMES P. CHAPIN	459
Bird Hunting in Central Park.....	LUDLOW GRISCOM	470
The European Starling as an American Citizen.....	FRANK M. CHAPMAN	480
The Epstein Panel in the Hyde Park Sanctuary Dedicated to the Memory of W. H. Hudson.....		486
The Roosevelt Memorial Bird Fountain.....		487
Meetings of Ornithological Societies in the American Museum.....		488
Reports from the Field.....		491
News from the Study.....		498
Birds in Books.....		508
From Other Museums.....		516
Notes.....		522

## NOVEMBER-DECEMBER, No. 6

Cover Design, Camera Study of an African Elephant.....	MARTIN JOHNSON	
Frontispiece, Tar-pool Death Cycle, first phase.....	..... facing	527
Mammals and Birds of the California Tar Pools.....	HENRY FAIRFIELD OSBORN	527
Recent Studies on the Skull and Brain of <i>Pithecanthropus</i> .....	J. H. MCGREGOR	544
The Bat.....	H. E. ANTHONY	560
Extracts from the Diary of Martin Johnson.....		571
Scenes About Lake Paradise.....	MARTIN JOHNSON	
A Review of "Lives of Game Animals": Vol. I.....	H. E. ANTHONY	579
"Lives of Game Animals": Vol. II.....	ERNEST THOMPSON SETON	583
An Unusually Fine Example of Beaver Industry.....	IRA A. WILLIAMS	593
Through the Land of Sheba.....	BARNUM BROWN	602
Reviews of the Recent Work of Australian Mammalogists.....	H. C. RAVEN	618
Notes.....		622

